TOSHIBA

IK-DP30A

DAY/NIGHT PTZ DOME CAMERA

IK-DP30A
Shown with optional in-ceiling housing JK-H01A

IK-DP30A
Shown with optional pendant housing JK-PH0 and wallmount JK-WM

- Quick connect “snap in” dome drive with indoor/outdoor options
- Privacy masking (8 zone)
- 92° tilt, 360° continuous pan rotation
- IR sensitive
- 0.01 lux day-night function
- 480 line horizontal resolution
- 216X Zoom – 18X optical, 12X digital
- Available with pendant or in-ceiling mounts
- Focal length: 4.1 mm to 73.8 mm
- Auto focus and auto iris with manual overrides
- 64 presets
- Auto flip 180° rotation for continuous viewing of subject as they pass underneath camera
- Variable scan speeds with high acceleration rate and steady motion
- Up to 255 domes can be connected in one system
- Telecom Grade Gas-Filled Surge Arrestor Technology
- Restriction of Hazardous Substances (RoHS) compliant
- 3 year limited warranty

RoHS 2002/95/EC

IK-DP30A
Day/Night PTZ Dome Camera

Toshiba's new quick connect "Snap In" drive makes installation easier than ever!

Toshiba IK-DP30A CCTV Dome Cameras take the hassle out of installation. They're exceptionally easy to install and even easier to integrate, with simple electrical connections, and in-ceiling or pendant mounts. The cameras offer a privacy mask, high-resolution (480 TV lines) capture, auto focus with manual over-ride, 18x optical/12x digital zoom, 92° tilt, 360° pan rotation, plus they are fully programmable with RS-422 connectivity to link up to 255 cameras on one system. In addition, the 50 dB s/n video signal is perfectly suited for digital video recording.

OVERALL

Operation Temperature
- 32 to 122° F (0 to 50° C)

Preservation Temperature
- -4 to 140° F (-20 to 60° C)

Weight
- 3.97 lbs

Dimensions
- 134mm x D x 223.7mm

Power Supply
- 24 V AC (±10%), 60 Hz

Power Consumption
- 35 W

CAMERA

Image Sensor
- 1/4" IT CCD

Day/Night Imaging
- Yes (Auto/Manual)

Effective Pixels
- 768 (H) x 494 (V)

Lens
- 18x Zoom, f=4.1 to 73.8mm (F1.4 to F3.0)

Digital Zoom
- 12x (216x with optical zoom)

Angle of View
- Approximately 48° (wide) and approximately 2.7° (tele)
- Privacy Mask (8 Zone)

Minimum Illumination
- 0.01 lux

Horizontal Resolution
- 480 TVL

S/N Ratio
- more than 50 dB

Auto Electronic Shutter
- 1/4 to 1/10000 sec.

Manual Electronic Shutter
- 1 to 1/10000 sec.

ATW White Balance
- Auto: 3,000 K - 7,500 K
- ATW: 2,000 K - 10,000 K
- One Push WB

Gain
- Auto

AE Control
- Full Auto, Shutter Priority, Manual

Back Light Comp.
- On/Off

Auto Slow Shutter
- On/Off (On Max 1/4 sec.)

Focusing System
- Auto, Interval, Zoom Trigger, Manual

Video Output
- NTSC, VBS: 1.0 Vp-p (sync Negative), 75 ohm

MECHANICAL

Pan Range
- 360° Continuous

Tilt Range
- 92°

Manual Pan Speeds
- 0.1° to 90°/s

Manual Pan Speeds (Turbo Mode)
- 150°/s

Manual Tilt Speeds
- 0.1° to 45°/s

Preset Speeds
- Pan: 400°/s
- Tilt: 200°/s

Proportional P/T
- Provided

REMOTE CONTROL

I/F
- RS-422 (receive only)

Protocol
- Toshiba-P/D (Dip sw selectable)

Bit Rate
- 2400, 4800, 9600 bps (Dip sw selectable)

1-2-3 CONFIGURATION SELECTION GUIDE

1 Select Camera
IK-DP30A Dome Camera

2 Select Housing
JK-PHO Outdoor Pendant (clear) with Heater and Blower
JK-PHOT Outdoor Pendant (tinted) with Heater and Blower
JK-PHI Indoor Pendant (clear)
JK-PHIT Indoor Pendant (tinted)
JK-H01A In-Ceiling Housing

3 Select Mount
Mount options for the JK-PH0/JK-PHI
JK-WM Wall Mount for all Pendant Housing types
JK-CMA Corner Mount Adapter for JK-WM
JK-PMA Pole Mount Adapter for JK-WM
JK-PM Parapet Mount for all Pendant Housing types
JK-CTA 2x2 Ceiling Tile Adapter

Example #1: System for Exterior Wall Application
- IK-DP30A Camera
- JK-PHO Outdoor Pendant (clear) with Heater and Blower
- JK-WM Wall Mount

Example #2: System for Exterior Pole Mount Application
- IK-DP30A Camera
- JK-PHO Outdoor Pendant (clear) with Heater and Blower
- JK-WM Wall Mount
- JK-PMA Pole Mount Adapter

Example #3: System for Interior Drop Ceiling
- IK-DP30A Camera
- JK-H01A In-Ceiling Housing
- JK-CTA 2x2 Ceiling Tile Adapter (optional item replaces 2x2 ceiling tile)

COMPONENT SELECTION GUIDE

Controllers

VCL485 *Universal Controller*

Housings

JK-H01A *In-Ceiling Housing*

JK-PH0/JK-PHI *Indoor/Outdoor Pendant Housing (clear)*

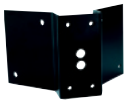
JK-PHOT *Outdoor Housing-Tint*

JK-PHIT *Indoor Housing-Tint*

Mounting Brackets and Adapters

JK-PMA *Pole Mount Adapter*

JK-WM *Wall Mount*

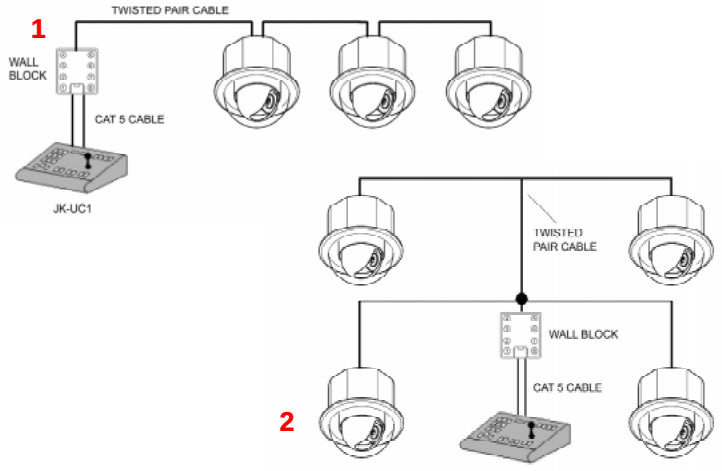


JK-CMA *Corner Mount Adapter*

JK-PM *Parapet Mount*

JK-CTA *2x2 Ceiling Tile Adapter (not shown)*

DAISYCHAIN CONFIGURATIONS



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